

# American Journal of Physiology: Regulatory, Integrative and Comparative Physiology

VOLUME 21, July-December 1987

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*Published monthly by*  
THE AMERICAN PHYSIOLOGICAL SOCIETY  
9650 Rockville Pike, Bethesda, MD 20814

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**CORRIGENDA**

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*Pages R179-R185:* Eiji Gotoh, Kazuharu Murakami, Tristram D. Bahnson, and William F. Ganong. "Role of brain serotonergic pathways and hypothalamus in regulation of renin secretion." In Tables 1, 2, 4, 5, and 6 the units were published incorrectly. Corrected versions of the tables follow.

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**TABLE 1. Changes in PRA produced by PCA**

	Sham Operation		Lesion	
	Saline	PCA	Saline	PCA
<i>PRA, ng ANG I·ml<sup>-1</sup>·2 h<sup>-1</sup></i>				
Lesions of dorsal raphe nucleus	9.2±1.9 (5)	23.3±5.8*† (5)	8.4±1.0 (9)	13.0±1.4* (13)
Lesions of paraventricular nuclei	12.7±2.4 (8)	38.8±7.5† (7)	17.6±1.2 (8)	15.6±2.6‡ (8)
Lesions of dorsomedial nuclei	21.5±1.5 (7)	38.6±7.9† (8)	18.8±2.9 (6)	47.5±14.4† (6)

Values are means ± SE; n, no. of animals in parentheses. PRA, plasma renin activity; ANG I, angiotensin I; PCA, p-chloroamphetamine (10 mg/kg). \* P < 0.05 vs. control. † P < 0.05 lesions vs. sham.

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**TABLE 4. Changes in PRA and PRC produced by immobilization**

	Sham Operation		Lesion	
	Control	Immobilization	Control	Immobilization
<i>PRA, ng ANG I·ml<sup>-1</sup>·2 h<sup>-1</sup></i>				
Lesions of dorsal raphe nucleus	11.3±1.2 (7)	61.2±8.7* (8)	12.7±1.4 (9)	68.7±5.3* (9)
Lesions of paraventricular nuclei	11.1±1.0 (8)	61.7±5.3* (8)	10.9±1.2 (9)	20.5±2.1† (9)
Lesions of dorsomedial nuclei	11.6±0.9 (8)	60.9±4.1* (9)	11.8±1.2 (10)	50.4±3.9* (10)
<i>PRC, ng ANG I·ml<sup>-1</sup>·2 h<sup>-1</sup></i>				
Lesions of paraventricular nuclei	98.5±14.6 (7)	271.7±71.6* (8)	115.8±19.7 (8)	279.6±37.9* (8)

Values are means ± SE; n, no. of animals in parentheses. PRA, plasma renin activity; PRC, plasma renin concentration; ANG I, angiotensin I. \* P < 0.05 vs. control. † P < 0.05 lesions vs. sham.

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**TABLE 2. Changes in plasma ACTH produced by PCA, immobilization, and head-up tilt**

	Sham Lesions	Paraventricular Lesions
<i>Plasma ACTH, pg/ml</i>		
PCA	254.6±27.9* (7)	80.0±4.7† (8)
Saline	65.8±3.2 (8)	67.3±4.1 (8)
Immobilization	405.4±79.0* (8)	90.2±10.8† (8)
Control	83.2±3.5 (8)	75.1±2.6 (7)
Head-up tilting	218.5±32.3* (19)	87.6±8.1† (22)
Control	89.1±11.6 (16)	54.0±2.6 (17)

Values are means ± SE; n, no. of animals in parentheses. ACTH, adrenocorticotrophic hormone; PCA, p-chloroamphetamine. \* P < 0.05 vs. control. † P < 0.05 lesions vs. control.